



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Product Chemistry Review of **Surfacine All-Purpose Cleaner**

DP Barcode: **D279077**
D279179

Reg. No. or File Symbol: **71661-R**

Manufacturing-use []

End-use Product [X]

Active Ingredient Composition:

Silver.....0.0095 %

Poly(hexamethylenebiguanide)hydrochloride.....0.5600 %

TO: Adam Heyward PM 34

FROM: Alex Traska, Chemist
Product Science Branch, CT Team
Antimicrobials Division (7510C)

AT 1/16/02

THRU: Karen P. Hicks, CT Team Leader
Product Science Branch
Antimicrobials Division (7510C)

KPH 1/24/02

THRU: Michele E. Wingfield, Chief
Product Science Branch
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BACKGROUND:

This re-submission in support of the new product registration, covering the subject disinfectant cleaner, was submitted by Lewis & Harrison on behalf of the registrant, Intelligent Biocides, LLC.

The registrant and agent, in this re-submission, are responding to the June 7, 2001 Agency letter in which certain minor changes to the CSF and label were

requested. Additionally, under **DP D279179**, a Storage Stability Study in support of the registration of **Surfacine All-Purpose Cleaner** was submitted. This study is identified under the MRID # 455351-01.

The following documents were submitted and examined in the chemistry review of this submission: agent's cover letter dated October 25, 2001, agent's cover letter and transmittal document dated November 5, 2001, agency letter dated June 7, 2001, revised Basic CSF dated 10/25/01, revised product label dated 10/25/01 and Storage Stability Study under MRID # 455351-01 dated October 18, 2001.

FINDINGS:

1. The requirements of PR Notice 91-2 were satisfied. The nominal concentration of the active ingredients given in the Basic Formulation CSF agreed with the amount declared on the product label.
2. The certified upper and lower control limits for both the active and inert ingredients were acceptable.
3. All inert ingredients utilized in the formulation have been cleared for use in pesticide formulations.
4. The ingredient declaration has been revised as requested and is now acceptable.
5. The CSF now lists the actual amount of the [REDACTED] PHMB solution utilized in the formulation and not just the nominal concentration of this active ingredient.
6. The one-year Storage Stability Study, initiated at room temperature and at 40°C, has shown no degradation in the first month of storage. This OPPTS 830.6317 test guideline has been satisfied.
7. All other elements of the CSF and Storage Stability Study were acceptable.

RECOMMENDATIONS:

This re-submission, in support of the new product registration for **Surfacine All-Purpose Cleaner**, is accepted.

01/16/02 AT